

## CLAIMS

I claim:

1. A process for waterproofing leather (1), comprising pressing on an internal surface of the leather (1) at least one semi-permeable membrane (2) whose surface contacting the leather (1) is provided with a glue pattern.

2. The process according to claim 1, wherein the glue pattern of the semi-permeable membrane (2) is thermoadhesive, and the pressing of said membrane on the leather (1) is a hot-pressing.

3. The process according to claim 1, wherein the semi-permeable membrane (2) is not porous and carries out the water vapor passage by osmosis.

4. The process according to claim 1, wherein said semi-permeable membrane (2) is elastic with a grade of elongation higher than 50%.

5. The process according to claim 1, wherein said semi-permeable membrane (2) is made of polyurethane.

6. The process according to claim 1, wherein said semi-permeable membrane (2) has a thickness included between 5  $\mu\text{m}$  and 100  $\mu\text{m}$ .

7. The process according to claim 1, wherein said semi-permeable membrane (2) is combined with a support sheet (3).

8. The process according to claim 7, wherein the support sheet (3) is made of fabric and is firmly fastened to the membrane (2).

9. The process according to claim 1, wherein the glue pattern is formed of a multiplicity of dots having a diameter included between 0.1 mm and 0.8 mm.

10. The process according to claim 1, wherein the glue pattern is formed of a multiplicity of dots having a density included between 50 dots/cm<sup>2</sup> and 200 dots/cm<sup>2</sup>.

11. A leather (1) which is waterproofed by a process according to claim 1.

12. The leather according to claim 11, wherein it is made of two or more pieces sewed together.

13. A shoe comprising an upper of waterproofed leather according to claim 11.

14. A shoe comprising a sole of waterproofed leather according to claim 11.